

CLAIMS

What is claimed is:

1. A spinal orthopedic device and tool set, comprising
an intervertebral spacer device having first and second baseplates mounted to one another such that the first and second baseplates are articulatable relative to one another, wherein the perimetrical regions of the baseplates are separated by a spacing having a width, and wherein the perimetrical regions have at least one pair of opposing recesses having walls that define an access volume between the baseplates in which the perimetrical regions of the baseplates are separated by a spacing having a greater width; and
a manipulation tool having a distal shaft having a relevant dimension greater than the width, but less than the greater width, such that the distal shaft is accommodated between the perimetrical regions of the baseplates only in the access volume, such that when the distal shaft of the manipulation tool is so accommodated, movement of the intervertebral spacer device relative to the distal shaft of the manipulation tool is limited by interference between the distal shaft and the walls of the recesses, such that the intervertebral spacer device is manipulatable using the manipulation tool.
2. The spinal orthopedic device and tool set of claim 1, wherein the perimetrical regions have a plurality of opposing recess pairs.
3. The spinal orthopedic device and tool set of claim 1, wherein each access volume is aligned with a desired surgical approach direction.
4. The spinal orthopedic device and tool set of claim 3, wherein at least one of the surgical approach directions is an anterior approach direction.
5. The spinal orthopedic device and tool set of claim 4, wherein the perimetrical regions have three opposing recess pairs, each defining first, second, and third access volumes, respectively, each being aligned with an anterior approach direction, a left antero-lateral approach direction, and a right antero-lateral approach direction, respectively.

6. A spinal orthopedic device and tool set, comprising
an intervertebral spacer device having first and second baseplates mounted to one another such that the first and second baseplates are articulatable relative to one another, wherein the perimetrical regions of the baseplates are separated by a spacing having a width, and wherein at least one of the perimetrical regions has a recess opposite the other perimetrical region, the recess having walls that define an access volume between the baseplates in which the perimetrical regions of the baseplates are separated by a spacing having a greater width; and

a manipulation tool having a distal shaft having a relevant dimension greater than the width, but less than the greater width, such that the distal shaft is accommodated between the perimetrical regions of the baseplates only in the access volume, such that when the distal shaft of the manipulation tool is so accommodated, movement of the intervertebral spacer device relative to the distal shaft of the manipulation tool is limited by interference between the distal shaft and the walls of the recesses, such that the intervertebral spacer device is manipulatable using the manipulation tool.

7. The spinal orthopedic device and tool set of claim 6, wherein the at least one of the perimetrical regions has a plurality of recesses, each defining a respective access volume.

8. The spinal orthopedic device and tool set of claim 6, wherein each access volume is aligned with a desired surgical approach direction.

9. The spinal orthopedic device and tool set of claim 8, wherein at least one of the surgical approach directions is an anterior approach direction.

10. The spinal orthopedic device and tool set of claim 9, wherein the at least one of the perimetrical regions has three recesses, each defining first, second, and third access volumes, respectively, each being aligned with an anterior approach direction, a left antero-lateral approach direction, and a right antero-lateral approach direction, respectively.